

FORM PTO-1449 (Modified) OCT 21 2004 (37 CFR 1.96(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.: FIS920040001US1	SERIAL NO.: 10/711,461
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT: Mukta G. Farooq et al.	
Use several sheets if necessary		FILING DATE: 9/20/04	GROUP:

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

		PUBLICATION NUMBER	PUBLICAITON DATE	PATENTEE			
	AL						
	AM						
	AN						
	AO						
	AP						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB- CLASS	TRANSLATION YES	NO
88	AQ	EPO 0177042 A	09.04.86	EPO				
	AR							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

88	AS	"Solder Joint Formation With Sn-Ag-Cu And Sn-Pb Solder BAI Pastes", Polina Snugovsky et al., Clestica International, Inc; SMTA, 12/31/2003; www.smta.org/knowledge/proceedings_abstract.cfm?PROCEEDING_ID=1128						
	AT							

EXAMINER

DATE CONSIDERED

4/29/07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

9-2004

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

**Title of
Invention**

STRUCTURE AND METHOD TO GAIN SUBSTANTIAL
RELIABILITY IMPROVEMENTS IN LEAD-FREE BGAs ASSEMBLED
WITH LEAD-BEARING SOLDERS

Application Number :

Confirmation Number:

First Named Applicant: Mukta Farooq

Attorney Docket Number: FIS920040001US1

Art Unit:

Examiner:

Search string: (4673772 or 5551627 or 5796591 or 20020149113).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
00	1	4673772	1987-06-16	Satoh, et al.			
00	2	5551627	1996-09-03	Leicht, et al.			
00	3	5796591	1998-08-18	Dalal, et al.			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
00	1	20020149113	2002-10-17	Ray, et al.			

Signature

Examiner Name	Date
	4/29/07